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(54) Title: INTERACTION OF p27(KIP1) WITH FKBP-12

## (57) Abstract

The present invention discloses an interaction between p27(Kip1) and FKBP-12 and the formation of a p27(Kip1).FKBP-12 complex, or of the derivatives, fragments, analogs and homologs thereof, that were identified using a modified, improved yeast two hybrid assay system. Methodologies of screening these aforementioned complexes for efficacy in treating and/or preventing various diseases and disorders, particularly hyperproliferative

### DEMONSTRATION OF THE P27(KIP1):FKBP12 INTERACTION

	P27(Kip1)	A1	B1
CDK2	+	-	-
FKBP-12	+	-	-
TRK	-	-	-
CYC-B	-	-	-
Vector	-	-	-

disorders, including, but not limited to, cancer, neurodegenerative disease, autoimmune disease, and the like, are also disclosed herein.